

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027668.D  
 Acq On : 16 Dec 2023 05:25  
 Operator : SY/MD  
 Sample : 05799-06  
 Misc : 4.41g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 42 Sample Multiplier: 1

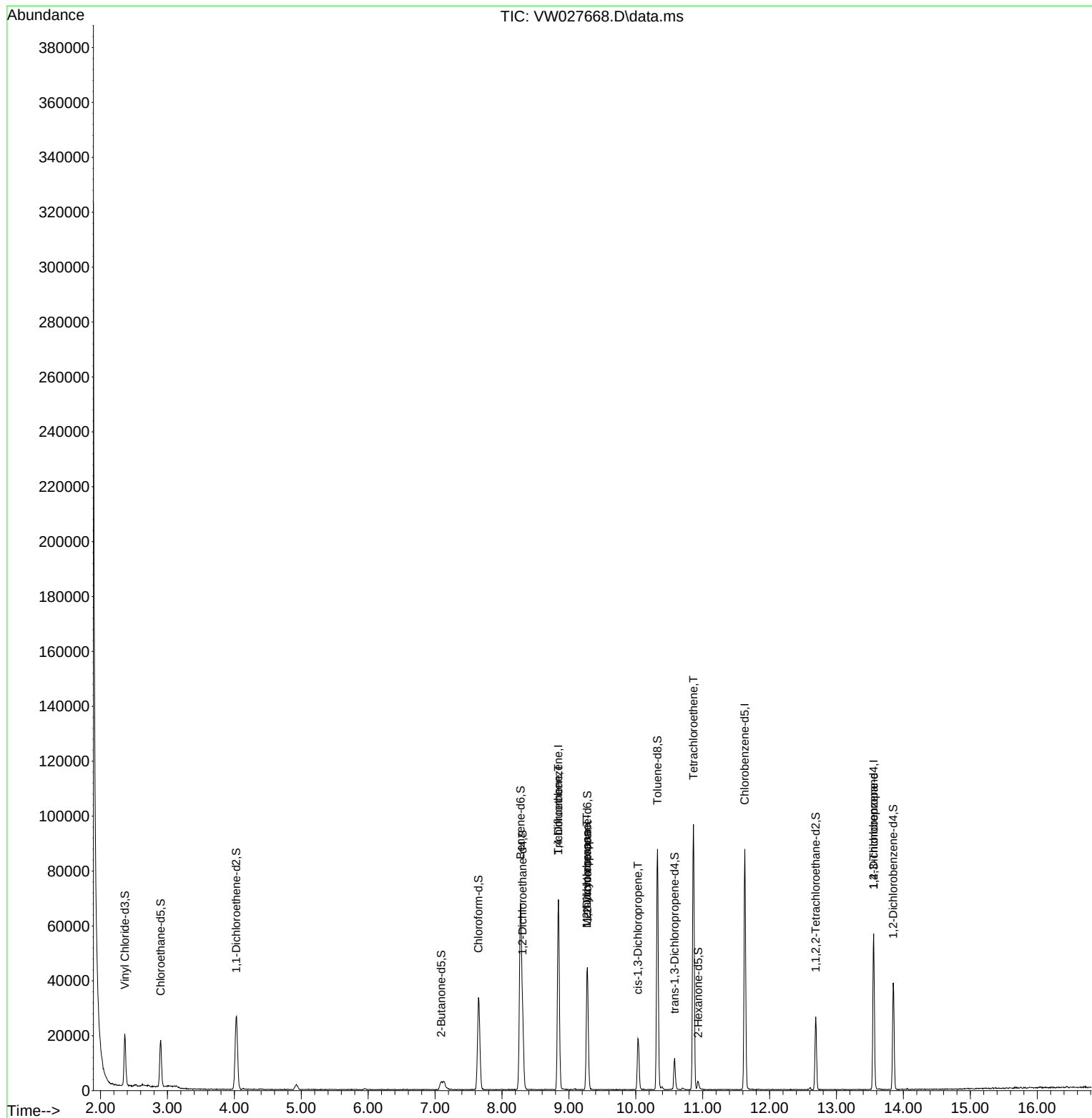
Quant Time: Dec 16 06:12:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 16 04:21:48 2023  
 Response via : Initial Calibration

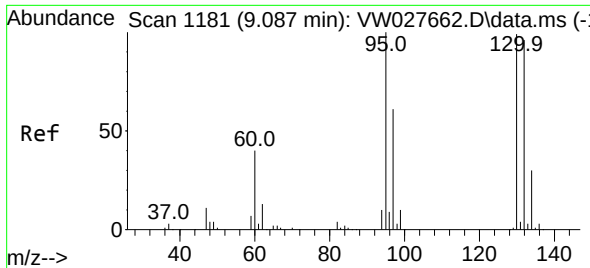
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 63322    | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 51206    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 16418    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 21322    | 23.776   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.120%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 18027    | 25.818   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.280% |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 7981     | 22.221   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 88.880%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 5236     | 34.288   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.580%  |
| 24) Chloroform-d              | 7.648  | 84    | 35822    | 23.774   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 18223    | 25.758   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 103.040% |
| 32) Benzene-d6                | 8.276  | 84    | 77371    | 25.854   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.400% |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 22406    | 26.427   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 105.720% |
| 41) Toluene-d8                | 10.324 | 98    | 61339    | 22.092   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.360%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 6734     | 20.514   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.040%  |
| 47) 2-Hexanone-d5             | 10.934 | 63    | 1189     | 9.623    | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 19.240%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 14097    | 21.986   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 87.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 11379    | 19.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 77.440%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.843  | 95    | 1801     | 2.226    | ug/L # | 3        |
| 35) Methylcyclohexane         | 9.270  | 83    | 5828     | 3.994    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 9.270  | 63    | 2392     | 3.338    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 519      | 0.475    | ug/L # | 55       |
| 46) Tetrachloroethene         | 10.861 | 164   | 23328    | 36.106   | ug/L   | 90       |
| 61) 1,2,3-Trichloropropane    | 13.556 | 75    | 1801     | 6.582    | ug/L # | 51       |
| -----                         |        |       |          |          |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
Data File : VW027668.D  
Acq On : 16 Dec 2023 05:25  
Operator : SY/MD  
Sample : 05799-06  
Misc : 4.41g/10mL/MSVOA\_W/SOIL  
ALS Vial : 42 Sample Multiplier: 1

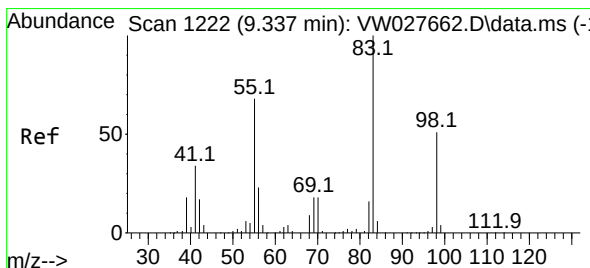
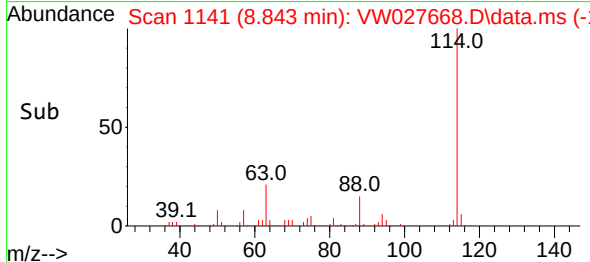
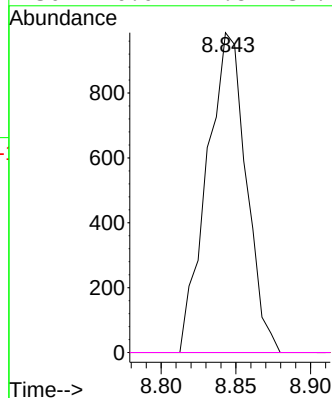
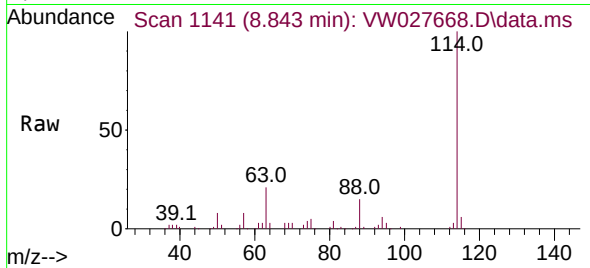
Quant Time: Dec 16 06:12:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Dec 16 04:21:48 2023  
Response via : Initial Calibration





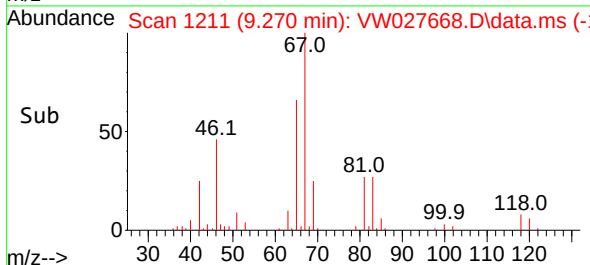
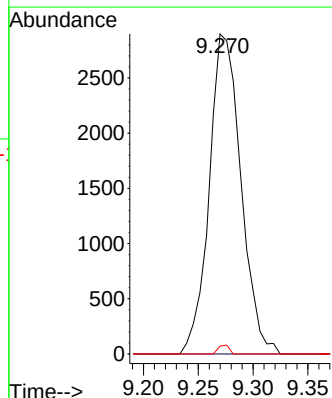
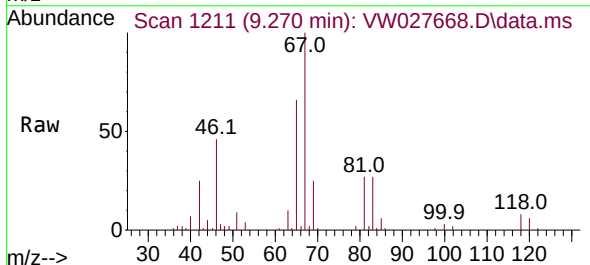
#34  
Trichloroethene  
Concen: 2.226 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.244 min  
Lab File: VW027668.D  
Acq: 16 Dec 2023 05:25

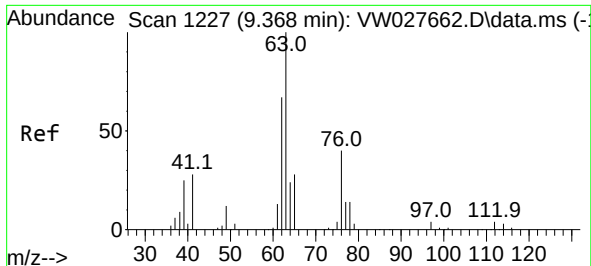
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 1801   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 45.9  | 85.3#  |
| 132      | 0.0   | 70.4  | 130.8# |
| 130      | 0.0   | 74.8  | 139.0# |



#35  
Methylcyclohexane  
Concen: 3.994 ug/L  
RT: 9.270 min Scan# 1211  
Delta R.T. -0.067 min  
Lab File: VW027668.D  
Acq: 16 Dec 2023 05:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5828  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 55.1  | 82.7# |
| 98       | 0.9   | 39.3  | 58.9# |





#37

1,2-Dichloropropane

Concen: 3.338 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.098 min

Lab File: VW027668.D

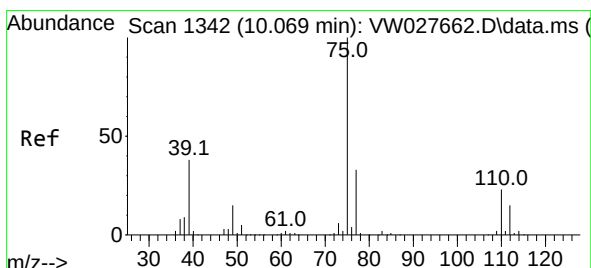
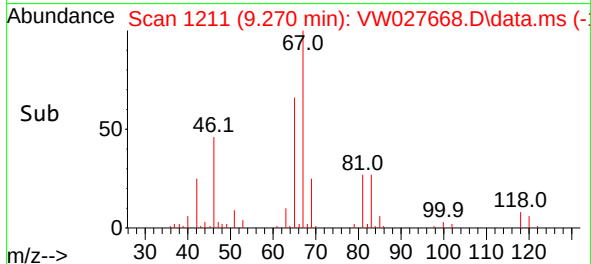
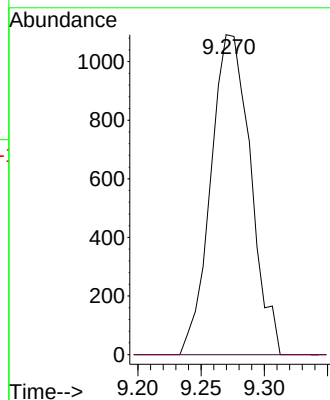
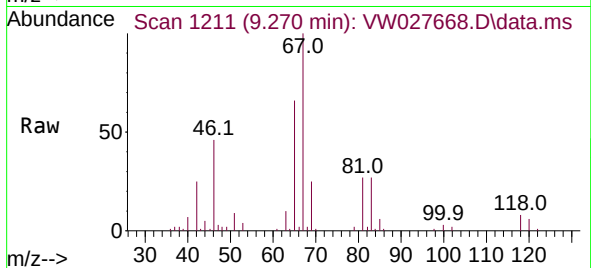
Acq: 16 Dec 2023 05:25

Tgt Ion: 63 Resp: 2392

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.475 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027668.D

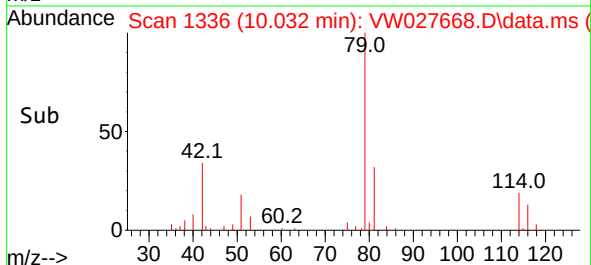
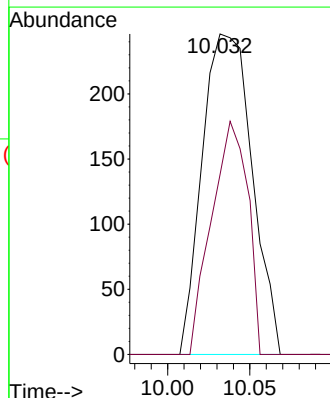
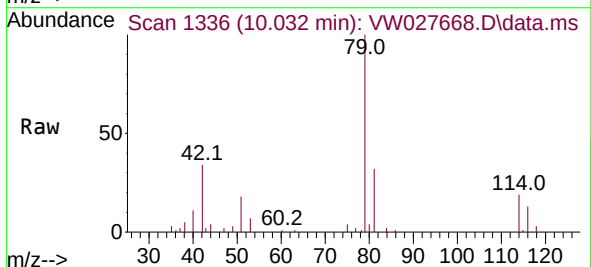
Acq: 16 Dec 2023 05:25

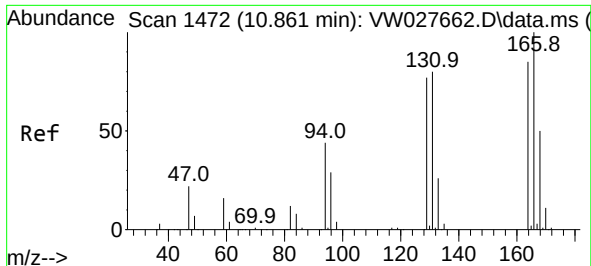
Tgt Ion: 75 Resp: 519

Ion Ratio Lower Upper

75 100

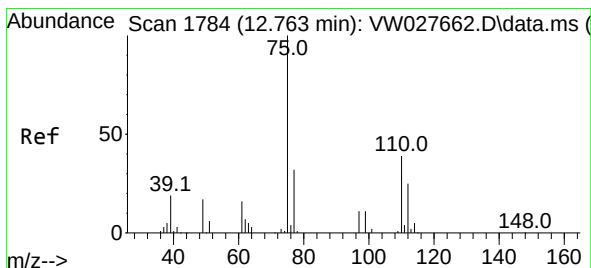
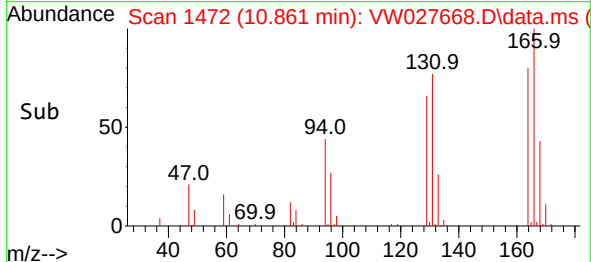
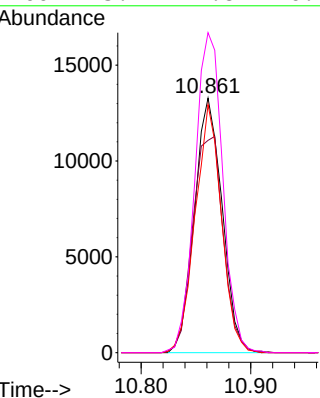
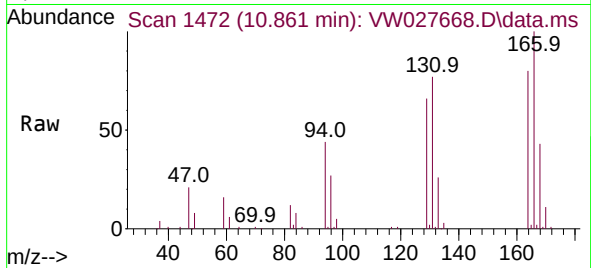
77 56.1 21.8 40.6#





#46  
Tetrachloroethene  
Concen: 36.106 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW027668.D  
Acq: 16 Dec 2023 05:25

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 23328 |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 129 | 83.4    | 70.5  | 130.9 |
| 131 | 97.4    | 64.8  | 120.3 |
| 166 | 125.7   | 94.8  | 176.0 |



#61  
1,2,3-Trichloropropane  
Concen: 6.582 ug/L  
RT: 13.556 min Scan# 1914  
Delta R.T. 0.792 min  
Lab File: VW027668.D  
Acq: 16 Dec 2023 05:25

|             |       |       |  |
|-------------|-------|-------|--|
| Tgt Ion: 75 | Resp: | 1801  |  |
| Ion Ratio   | Lower | Upper |  |
| 75 100      |       |       |  |
| 77 15.9     | 26.2  | 39.4# |  |
| 110 0.0     | 32.2  | 48.2# |  |

